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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/753,523	01/08/2004	Eric Lawrence Barsness	ROC920030328US1	9847
30206	7590	08/15/2007		
IBM CORPORATION ROCHESTER IP LAW DEPT. 917 3605 HIGHWAY 52 NORTH ROCHESTER, MN 55901-7829			EXAMINER PYO, MONICA M	
			ART UNIT	PAPER NUMBER
			2161	
			MAIL DATE	DELIVERY MODE
			08/15/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Interview Summary	Application No.	Applicant(s)	
	10/753,523	BARSNESS ET AL.	
	Examiner	Art Unit	
	Monica M. Pyo	2161	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Monica M. Pyo. (3) Scott A. Stinebruner.
 (2) Leslie Wong. (4) _____.

Date of Interview: 09 August 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.
 If Yes, brief description: _____.

Claim(s) discussed: claims 1, 17 & 19.

Identification of prior art discussed: U.S. Patent No. 6,556,990 issued to Lane; 6,785,677 issued to Fritchman; 5,845,276 issued to Emerson et al.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.


 LESLIE WONG
 PRIMARY EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

 Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative proposed (attached) amendment to overcome the applied prior art and at the same time highlight the novelty of the invention. The Examiner agreed with the proposed amendment to overcome the applied prior art.

Agenda and Proposed Amendments
SN 10/753,523

Agenda

-Discuss §102 and §103 rejections of claims in view of proposed amendments

Proposed Amendments

1. (Currently Amended) A method for indexing a database table, said table comprising a column of values, the method comprising the steps of:
identifying a plurality of substrings, each substring comprising one or more characters; and
for each substring creating a corresponding index over the column such that a plurality of substring-specific indices, each corresponding to a particular substring from among the plurality of substrings, are created for the same column, wherein each corresponding index includes a respective entry for each value in the column, the respective entry for a particular value being indicative of whether a the corresponding substring occurs in the particular value.

17. (Currently Amended) An apparatus for executing a query on a database table, said table comprising a column of values, the apparatus comprising:

at least one processor;
a memory coupled with the at least one processor;
a plurality of substring-specific indices stored within said memory and corresponding to the same column in said table, wherein each index corresponds to a particular one of a plurality of substrings and each index includes a respective entry for each value in the column, the respective entry in each index indicative of whether a corresponding substring to which such index corresponds occurs within the value for which the respective entry is included; and

a program code residing in the memory and executed by the at least one processor, the program code configured to scan the values of the table based on a combination of the plurality of indices.

19. (Currently Amended) A program product for indexing a database table, said table comprising a column of values, comprising:
- program code configured upon execution thereof to:
 - identify a plurality of substrings, each substring comprising one or more characters, and
 - for each substring, create a corresponding index over the column such that a plurality of substring-specific indices, each corresponding to a particular substring from among the plurality of substrings, are created for the same column, wherein each corresponding index includes a respective entry for each value in the column, the respective entry for a particular value being indicative of whether a the corresponding substring occurs in the particular value; and
 - a computer readable storage medium storing the program code.

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